

IBS IP CDIO/R 24-12/4/8-SF


Order No.: 2730077

The illustration shows version IBS IP CDIO/R 24-8



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Digital input/output module, for use on robots, IP65 protection, 12 inputs, 24 V DC, 4-wire connection technology and 4 outputs, 24 V DC, 0.5 A/2 A, 3-wire connection technology, connection of additional signals on the back of the module

Commercial data	
GTIN (EAN)	 4 017918 437312
sales group	K531
Pack	1 pcs.
Customs tariff	85176200

Product notes

WEEE/RoHS-compliant since:
11/20/2007



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Product description

The IBS IP CDIO/R 24... modules are available as an input/output unit for the robot concept. The metal housing allows them to be used in welding applications. The module can be used directly on the welding transformer if it is mounted on a terminal box. The modules are connected via a 17-pin circular connector. In addition to the INTERBUS and power supply lines, this connector also carries two further signal lines for constant current regulation (CCR) and for secondary circuit monitoring (SCM). These signals are looped in on the underside of the .../SF devices and are needed at the welding current controller for control and monitoring tasks. Two module types are available: The IBS IP CDIO/R 24-8 ... module

has 8 channels that can be used either as inputs or as outputs. The IBS IP CDIO/R 24-12/4/8 .. module has 12 inputs and 4 outputs.

Technical data

Interfaces

Interface	Installation remote bus
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Power supply

Residual ripple	3.6 V _{PP}
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Electrical isolation

Test section	Supply voltage US1; sensor supply 500 V AC 50 Hz 1 min
	Supply voltage US2 500 V AC 50 Hz 1 min
	Bus logic, incoming and outgoing remote bus 500 V AC 50 Hz 1 min

Inputs

Number of inputs	12
Connection method	4-wire
Input voltage	24 V DC
Input voltage range "0" signal	-30 V ... 5 V
Input voltage range "1" signal	13 V ... 30 V

Outputs

Number of outputs	4
Connection method	3-conductor (shielded)
Type of protection	Short-circuit protection, polarity reversal protection

General data

Weight	800 g
Degree of protection	IP65

Certificates / Approvals



Certification

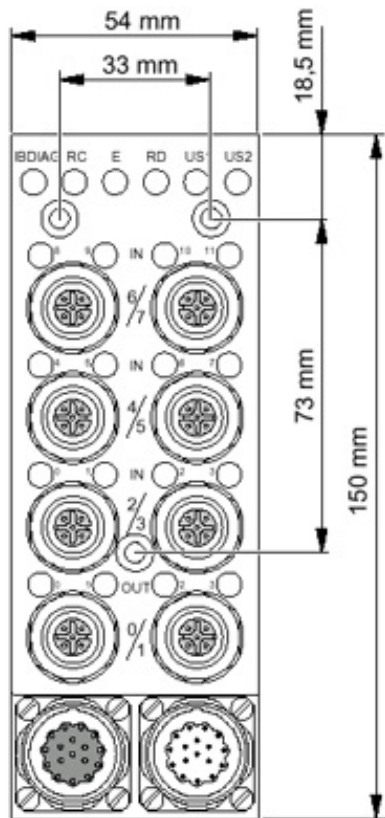
CUL, GOST, UL

Accessories

Item	Designation	Description
Plug/Adapter		
1667905	TGGM/CDIO/17-BU	INTERBUS remote bus plug connector, straight, with contacts, female contact insert
1667895	TGGM/CDIO/17-ST	INTERBUS remote bus plug connector, straight, with contacts, male contact insert
1667963	TWGM/CDIO/17-BU	INTERBUS remote bus plug connector, angled, with contacts, female contact insert
1667950	TWGM/CDIO/17-ST	INTERBUS remote bus plug connector, angled, with contacts, male contact insert
Sealing cap		
1665907	MSK 2	M23 metal sealing cap, for unoccupied M23 connectors, with steel wire

Diagrams/Drawings

Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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